

PHYSIOLOGICAL SUPPORT DEBRIEFING

Approved For Release 2001/04/17 : CIA-RDP69B00041R000600080006-9

25X1A

DATE 16 Sep '67 ACFT 129 PILOT

TIME IN FLIGHT 4 + 00 TIME IN SUIT _____ PREBREATHING TIME _____

SATISFACTORY **UNSATISFACTORY**

- | | |
|--------------------------------|----|
| 1. PHYSICAL CONDITION (PILOT) | ✓ |
| 2. SURVIVAL KIT AND CUSHION 52 | ✓ |
| 3. PARACHUTE 139 | ✓ |
| 4. HELMET - 3 | ✓ |
| A. REFLECTIONS | |
| B. FACE HEAT | ✓ |
| C. COMMUNICATIONS | ✓ |
| 5. SUIT PROPER - 4 | ✓ |
| A. CABIN DECOMPRESSION: YES | NO |
| 6. OUTER GARMENT - 7 | ✓ |
| 7. BOOTS AND SPURS - 2 QD | ✓ |
| 8. GLOVES 10-1 | ✓ |
| 9. OXYGEN SYSTEM | ✓ |

DEPART		RETURN	
TIME	AMT	TIME	AMT
1158	9	1545	8.20
1158	9.25	1545	8.75

10. MISCELLANEOUS *very difficult* for
11. EVALUATION ITEMS *very difficult* for

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- A. *new* *will* *be* *over*
B. *new* *will* *be* *over*
C. *new* *will* *be* *over*
D. *new* *will* *be* *over*
E. *new* *will* *be* *over*

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12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

PRESSURE SUIT HOOK-UP AND CHECKLIST

- ✓1. Packet in pocket.
 - ✓2. Stirrups secured.
 - ✓3. Communication secured and functioning.
 - ✓4. Face heat on (low).
 - ✓5. Oxygen hoses secured in QD.
 - ✓6. Three harness snaps secured - harness adjusted and surplus stowed.
 - ✓7. Kit adjusted and surplus stowed.
 - ✓8. Two (2) bailout hoses secured.
 - ✓9. Lap belt, shoulder harness, key secured and adjusted.
 - ✓10. Oxygen hoses under right leg strap, chest strap under helmet-hold-down.
 - ✓11. Emergency oxygen lanyard secured and pin removed.
 - ✓12. Red knob secured.
 - ✓13. Green apple secured.
 - ✓14. Manual over ride handle secured.
 - ✓15. Two (2) rocket jet releases secured.
 - ✓16. Check face heat.
 - ✓17. Heat probe.
 - ✓18. Press to test both oxygen systems.
 - ✓19. Readjust lap belt.
 - ✓20. LOW oxygen pressure - #1 system 105/95 #2 system 90/95.
 - ✓21. HIGH oxygen pressure Departing #1 system 9 #2 system 9.25.
TIME 1158
 - ✓22. Foot rest guards over seat foot rests.
 - ✓23. KIT LANYARD Hooked
- SUBJECT 1052 AIRCRAFT NUMBER 129.
- 25X1A
TECHNICIA [REDACTED] DATE OF FLIGHT 16 Augt 67.
- HIGH oxygen pressure Returning #1 system 8.25 #2 system 8.75.
TIME 1545

EQUIPMENT PREFLIGHT FOR HIGH FLIGHTPARACHUTE

1. Zipcord pins secured (4 in and first stage).
2. Check power cable.
3. Pack opening chronics secured.
4. First stage jetting secured and pins secured.
5. Two (2) rocket jets secured.
6. Manual over ride handle secured.
7. Green apple secured.
8. Red knob secured.
9. Bailout hoses adjusted for pressure suit.
10. Bailout hose connectors operating.
11. Harness adjusted for high flight.
12. Automatic openers triggered and reset.
13. Energies 1400 to 7700.
14. Bailout cylinder pins secured.
15. Bailout cylinder pressure # 1800 1800
16. Communication cord secured to chute.
17. Visual inspection completed.

SURVIVAL KIT

1. Yellow handle secured.
2. Trigger clearance.
3. Kit disconnects secured.
4. Lid secured.
5. Visual condition.

INSTALLATION

1. Vent secured at disconnect.
2. Kit secured to chute + loose.
3. Emergency oxygen lanyard secured to chute and pin installed.
4. Communication cord secured at disconnect.
5. Vent hose secured to chute.
6. Pin secured in QD and safetied.
7. Oxygen system low pressure # 90-95 75-80
8. Tip pin in "D" ring.
9. Stirrup cables extended and operating freely.
10. Foot rest guards over seat foot rest.

SUBJECT 52

INTERVIEWER

129

25X1A

TECHNI

16 Sept. 67SEAT KIT NUMBER 38

PARACHUTE NUMBER

139TYPE CUSHION SB

VENT HIGH NUMBER

71

TOP SECRET

FROM: Mission Coordinator 196

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
in the Operations Briefing Room on 15 SEP 1967 at1215 L. The briefing concerns the following:

1. Mission Code Name and Number: BX 6722
2. Date/Time of Launch (H-Hour): 16 SEP 0245 ZI 1145 L.
3. Ground Spare (H+1:00): 16 SEP 10345 ZI 1245 L.
4. Bases: Takeoff [REDACTED] Staging [REDACTED], Landing [REDACTED]
5. Equipment required: TYPE I CAMERA

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6. Ground Spare Requirements: BACK UP ACFT REQUIRED
SAME AS PARAGRAPH 5

7. Special Instructions/Comments: LAUNCH BACK UP ACFT
16 SEP 0345 ZI 1245 L IF PRIMARY ABORTS.

FOR THE COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR	[REDACTED]	[REDACTED]	DCOL	[REDACTED]	[REDACTED]
DCO	[REDACTED]	[REDACTED]	DCOC/MC	[REDACTED]	[REDACTED]
DCM	[REDACTED]	[REDACTED]	DCOMI	[REDACTED]	[REDACTED]
DCS	[REDACTED]	[REDACTED]	DCOW	[REDACTED]	[REDACTED]
SECUR	[REDACTED]	[REDACTED]	COMMO	[REDACTED]	[REDACTED]
FLT SURG	[REDACTED]	[REDACTED]	AFCS	[REDACTED]	(Notify Only)
DCOM	[REDACTED]	[REDACTED]	TTFC(SAC)	[REDACTED]	(Notify Only)

TOP SECRET

DCOZ

MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

<u>H-HOUR</u>	<u>LOCAL TIME</u>	<u>H-HOUR</u>	<u>LOCAL TIME</u>	<u>ITEM</u>	<u>LOCATION</u>
<u>PRIMARY</u>	<u>PRIMARY</u>	<u>SPARE</u>	<u>SPARE</u>		
H -22:30	<u>1315</u>			Pre-Mission Physical Exam	Fit Surg
H -21:30	<u>1415</u>			Eating	A/C Mess
H-20:30	<u>1515</u>			Recreation activities as scheduled	Selected Area
H -18:00	<u>1745</u>			Intelligence Review	DCOMI
H -17:00	<u>1845</u>			Initial Brief & Recreation	DCO Brief Rm
H -14:00	<u>2145</u>			Eating	A/C Mess
H -13:00	<u>2245</u>			Crew Rest	Asgd House
H -4:00	<u>0745</u>			Wake/up Psychological Ck	Asgd House/ Crew Mess
H -3:30	<u>0815</u>			Final Briefing	DCO Brief Rm
H -2:30	<u>0915</u>			Breakfast	A/C Mess
H -1:20	<u>1025</u>	H +:20	<u>1025</u>	Final Physical Evaluation	DCOL
H -1:10	<u>1035</u>	H +:10	<u>1135</u>	Suiting	DCOL
H -:50	<u>1055</u>	H +:10	<u>1155</u>	Leave Ops	Transport Van
H -:45	<u>1100</u>	H +:15	<u>1200</u>	Arrive Aircraft	Hangar
H -:30	<u>1115</u>	H +:30	<u>1215</u>	Start Engine	Hangar
H -:20	<u>1125</u>	H +:40	<u>1225</u>	Taxi	Aircraft
H -:05	<u>1140</u>	H +:55	<u>1240</u>	Trim Engine	Aircraft
H -:00	<u>1145</u>	H +1:00	<u>1245</u>	Take Off	Aircraft
L +:25				Post Mission Physical	DCOL
L +:45				Ops Debrief	DCO Brief Rm
L +1:00				Mission Debrief	DCO Brief Rm
L +3:30				Released	

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BX 6722

DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COMMAND POST UPON COMPLETION
 H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: 8 1145-1515

DESIGNATE LIFE SUPPORT TECHNICIANS: [REDACTED]

1145-1215

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H-23:30: ATTEND COMMANDERS BRIEFING:.....
 SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL..... ✓ 1215
 SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL..... ✓ 1215

H-22:00 TO H-21:30: COORDINATE WITH INTELLIGENCE AND SURVIVAL PERSONNEL ON
 SURVIVAL AND E&E ITEMS: ✓ 1345-1415

H-22:00 TO H-17:00: PREFLIGHT:
 BOTH SUITS (EA PILOT)..... ✓ 1345-1845
 PARACHUTE AND EMERGENCY O2 SYSTEMS..... ✓
 SEAT KIT COMPONENTS..... ✓
 SUIT ROOM VENT..... ✓
 LOX VENT UNIT..... ✓
 OXYGEN CYLINDERS..... ✓
 TEST EQUIPMENT..... ✓
 TRANSPORT VANS..... ✓ 1345-1815
 ✓ 1545

H-20:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING:.....
 ✓ 0945-1005

H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT:.....
 ✓ 0945

H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF
 PRIMARY AND SPARE PILOTS AND AIRCRAFT:
 P..... 5-1/29
 S..... 29-1/31

✓ 0945 1045
 ✓ 0945 1045
 ✓ 1000-1015 1100-1115
 ✓ 1025-1035 1025-1035
 ✓ 1035-1045 1135-1145
 ✓ 1050-1055 1150-1155
 ✓ 1055-1100 1155-1200
 ✓ 1100-1115 1200-1215
 ✓ 1115-1145 1215-1215

INSTALL SEAT KIT AND PARACHUTE:.....
 H-2:00: RECEIVE PACKET FROM INTELLIGENCE.....
 H-1:45 TO H-1:30: SECURITY INSPECTS SUITS:.....
 H-1:40 TO H-1:25: FLIGHT SURGEONS MEDICAL IN DCOL:.....
 H-1:20 TO H-1:10: DRESS PILOT, PRESSURE CHECK EQUIPMENT:.....
 H-1:10 TO H-1:05: PREPARE FOR PILOT TRANSPORT:.....
 *H-1:05 TO H-1:00: TRANSPORT TO AIRCRAFT:.....
 *H-1:00 TO H-0:45: PILOT HOOKUP AND SUIT A/C CHECK:.....
 H-0:45 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT:.....
 LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:.....
 DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:.....
 POST-FLIGHT EQUIPMENT:.....

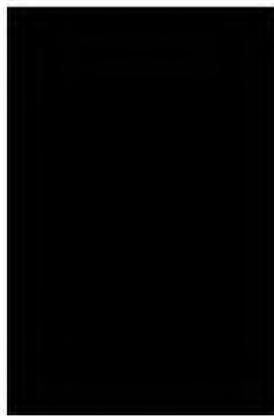
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DCOL

25X1A

FROM: DCOL [REDACTED] (49216) 15Sep67
SUBJECT: Access Roster for Mission BX 6722
TO: Mission Coordinator

25X1A



	C.P. X	HANGER/COCKPIT X	DCOL X
		X	X
		X	X
		X	X
		X	X
		X	X

25X1A



DCOL

Dear

25X1A

FROM: DCOI [REDACTED]

15 Sep 1967

SUBJECT: Recovery Personnel for Mission BX6722

TO: DCO

25X1A

[REDACTED] 18 284 302

25X1A

DCOI

[REDACTED] Major, USAF

Ex 6722

P/AC 129

S/AC 131

P/P

S/P

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FULL PRESSURE SUIT TEST LOG

SUBJECT # 105-2
 SUIT # -4
 OUTER GARMENT W/FLOAT GEAR -4
 HELMET # -3
 GLOVES # 10-1
 BOOTS -2 QD

FLIGHT DATE 16 Sept 67
 DON 1035
 DOFF 1545
 TIME IN SUIT 5+10
 TECHNICIAN [REDACTED]

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<u>PRESS-TO-TEST</u>	<u>PRE-FLIGHT</u>	<u>SUBJECT TEST</u>	<u>POSTFLIGHT</u>
<u>SYSTEM #1</u>	<u>15 Sept. 67 913</u>	<u>107</u>	<u>116</u>
Max Pressure	<u>116</u>	<u>116</u>	<u>116</u>
Differential	<u>1.6</u>	<u>250</u>	<u>400</u>
Leak Rate	<u>1050</u>		
<u>SYSTEM #2</u>			
Max Pressure	<u>119</u>	<u>120</u>	<u>118</u>
Differential	<u>1.6</u>	<u>1.6</u>	<u>1.6</u>
Leak Rate	<u>1025</u>	<u>250</u>	<u>350</u>
Unpress Leak Rate	<u>400</u>	<u>300</u>	<u>800</u>
Face Heat	<u>20 -</u>		
Commo and Cord	<u>✓</u>		
Pencils	<u>✓</u>		
Knife	<u>✓</u>		
Controller Number	<u>71</u>		
Packet	<u>✓</u>		
Grease Zippers	<u>✓</u>		
Check Location of CO ₂	<u>✓</u>		
Pressure Tap Screws	<u>✓</u>		